

## **Adaptation of the Sonic Burner for the Cargo Liner and Seat Cushion Flammability Tests**

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Abstract: The Park oil burner is currently the industry standard used for cargo liner and seat cushion flammability testing. However, the Park burner is no longer manufactured and cannot be purchased new. The sonic burner has been designed to be constructed from readily available parts that can be assembled to create an oil burner that is an alternative to the Park. While the design and operation of the two burners are different, the sonic has been developed to produce test results similar to the Park burner.